BOILER OR WATER HEATER INSTALLATION REPORT

NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY
BOILER INSPECTION DIVISION
SFN 59530 (10-2021)

Installation Date
☐ New ☐ Reinstalled ☐ Second Hand

Installer Name	Telephone Number	Email	
Address	City	State	ZIP Code
Boiler Owner Name			
Address	City	State	ZIP Code
Boiler Owner Contact Name		Telephone Number	
Boiler Location Name			
Address	City	State	ZIP Code
Specific On-Site Location of Boiler	Specific Contact Name	Telephone Number	

OBJECT INFORMATION

Manufacturer		Serial Number	Year Built
Use		Vessel Type	Fuel Type
MAWP	MAWT	BTU Input	BTU Output
Safety Relief Valve Set Pressure	LWCO (Manual Reset W/Lockout) Or Flow Switch - Brand & Type		

Total Safety Relief Valve Installed Capacity	Manual Reset Hi Limit? ☐ Yes ☐ No	Each Operating & Limit Controls Set (What PSI/DEG F)?

EXPANSION TANK (Hot water, Hot Water Supply)	Type ☐ Overhead ☐ Bladder	ASME Constructed ☐ Yes ☐ No	MAWP	Gallon Size
COMBUSTION AIR (Must have proven comb. air prior to ignition)	Unobstructed Openings		Power Fan (CFM)	
VENTING	Vent Size		☐ Power ☐ Atmospheric	Stack Damper ☐ Yes ☐ No
STOP VALVES (Hot Water Heat, Hot Water Supply and Steam)	Supply Size		Return Size	
Boiler External Piping Per ASME Code B31.1 (Required For High Pressure Boilers - 40HP or More) ☐ Yes ☐ No ☐ NA			Manufacturers Rating Plate Installed? ☐ Yes ☐ No	

Manufacturers Recommended Minimum Clearances:

Top	Base	Sides

Actual Clearances:

Top	Base	Sides

Does This Object Replace An Existing One? ☐ Yes ☐ No	If Yes, Enter State Number Of Object Removed:
Notes And Additional Recommendations And Remarks By Installer	

I hereby certify that the installation complies with the North Dakota Boiler Laws and Rules.

Installer Name (Print)	Installer Signature

North Dakota Department of
Environmental Quality
4201 Normandy Street
Bismarck, ND 58503-1324

Telephone (701) 328-5150
Fax (701) 328-5200
Email: ndboilerinsp@nd.gov
https://deq.nd.gov/Director/BIP/

NOTES FOR INSTALLER

Section 45-12-08-01 (Part 4) of the North Dakota Boiler Rules:
All new boilers, except those exempt by law, to be installed in North Dakota must be reported to the Chief Boiler Inspector by the owner or user, and by the installer.

USE:

HOT WATER HEAT	Space heating use
STEAM HEAT	Space heating use
HOT WATER SUPPLY	Hot water for domestic and sanitary use
PROCESS	Steam or hot water used as part of a processing operation
POWER	High pressure steam used to generate power

VESSEL TYPES:

Cast Iron
Storage Water Heater
Fire Tube, Water Tube, Flueless
Electric
Pool Heater

MAWP: Maximum allowable working pressure of boiler or water heater
If a non-ASME Code expansion tank is used, the MAWP of a boiler cannot exceed 30 psi, regardless of a stamped pressure that may be higher.

MAWT: Maximum allowable working temperature of boiler or water heater
Most stainless steel boilers have a MAWT of 210 Deg. F.
Most aluminum boilers have a MAWT of 200 Deg. F.
Not all cast iron boilers have a MAWT of 250 Deg. F anymore
Most water heaters have a MAWT of 210 Deg. F

BASE: For installation on combustible or non-combustible construction

Emergency Shutdown Switch: Must be installed at each boiler room door if boiler or combination of boiler modules exceed 400,000 Btu input.

Off Peak Electric Boilers: Must be installed in parallel, not series, with peak use boiler.

NOTE: ***Replacement boilers must meet all the requirements of a new boiler installation. Like for like replacement may not meet the Boiler Rules.***